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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/893,714	06/29/2001	Kaleedhass Karthik	3587-0106P	5842

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EXAMINER

SHIFERAW, ELENI A

ART UNIT PAPER NUMBER

2136

DATE MAILED: 09/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/893,714

Applicant(s)

KARTHIK, KALEEDHASS

Examiner

Eleni A Shiferaw

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☒ Claim(s) 3, 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 09893714.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/032004
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-6 are presented for examination.

Claim Objections

2. Claim 3 is objected to because of the following informalities: Claim 3, on page 36 line number 3, the word "identify" is objected. Appropriate correction is required.

3. Claim 6 is objected to because of the following informalities: Claim 6, on page 37 line number 3, the word "identify" is objected. Appropriate correction is required.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Houvener (U.S. Patent No. 6,424,249 B1) in view of Kanevsky et al. (Kanevsky Pub. No. U.S. 2001/0044906 A1)

- 5.1 As per claim 1, Houvener teaches a security system for electronic commerce for verifying the authenticity of a user comprising:

a server authentication program, said server authentication program being

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installed in a web-server at a website of a web-service provider (Houvener Col. 7 lines 55-65);

a client software component, said client software component being downloaded and installed at a workstation of the user (Houvener Col. 2 lines 65-col. 3 lines 15, Col. 6 lines 12-29);

said server authentication program being integrated with existing web-applications with the web-service provider (Houvener Col. 7 lines 16-30); and for receiving existing security parameters entered by the user (Houvener Col. 6 lines 12-29);

a biometric scanner, said biometric scanner being activated for identifying characteristics of a biometrics image and for converting the biometrics image into digital data (Houvener Col. 4 lines 65-col. 5 lines 5);

a device for compressing and encrypting the digital data from said biometric scanner (Houvener Col. 10 lines 27-38);

a device for transmitting the compressed and encrypted data to the web-server (Houvener Col. 10 lines 27-38); and

a device for comparing the encrypted data with data stored in a database (Houvener Col. 6 lines 52-59);

Houvener does not explicitly teach a device for sending status codes of comparison, if comparison is successful to the web-service provider;

However Kanevsky teach an access server (a device) that performs operations on the user security by comparing user biometrics and after the operation performed acceptance is sent to the agent server (web-service provider) (Kanevsky Page 7-8 par. 0085);

Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to employ the teachings of Kanevsky with in the system of Houvener because it would allow to verify and authenticate users identity and receive some services, pay for goods, or get access to some information (Kanevsky Page 3 par. 0050) from agent server (Kanevsky Page 7-8 Par. 0085; The agent server performs a required service for the user). Therefore it would have been obvious to combine the teachings of Kanevsky with in the system of Houvener because biometric authentication replaces password authentication of a user that prevents unauthorized persons from gaining access to resources, and the web-server ensures that the identity of a user is compared and verified, and only authorized persons are given access to secured resources.

5.2 As per claim 4, Houvener teaches a method of verifying the authenticity of a user with a security system for electronic commerce, comprising the steps of:

installing a server authentication program in a web-server at a website of a web-service provider (Houvener Col. 7 lines 55-65);

downloading and installing a client software component at a workstation of the user (Houvener Col. 2 lines 65-col. 3 lines 15, Col. 6 lines 12-29);

integrating said server authentication program with existing web-applications with the web-service provider (Houvener Col. 7 lines 16-30);

receiving existing security parameters entered by the user (Houvener Col. 6 lines 12-29);

activating a biometric scanner to identify characteristics of a biometrics image and to convert the biometrics image into digital data (Houvener Col. 4 lines 65-col. 5 lines 5);

compressing and encrypting the digital data from said biometric scanner (Houvener Col. 10 lines 27-38);

transmitting the compressed and encrypted data to the web-server (Houvener Col. 10 lines 27-38);

comparing the encrypted data with data stored in a database (Houvener Col. 6 lines 52-59); and

Houvener does not explicitly teach sending status codes of comparison, if comparison is successful to the web-service provider;

However Kanevsky teach an access server that performs operations on the user security by comparing user biometrics and after the operation performed acceptance is sent to the agent server (Kanevsky Page 7-8 par. 0085);

Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to employ the teachings of Kanevsky with in the system of Houvener because it would allow to verify and authenticate users identity and receive some services, pay for goods, or get access to some information (Kanevsky Page 3 par. 0050) from agent server (Kanevsky Page 7-8 Par. 0085; The agent server performs a required service for the user). Therefore it would have been obvious to combine the teachings of Kanevsky with in the system of Houvener because biometric authentication replaces password authentication of a user that prevents unauthorized persons from gaining access to resources, and the web-server ensures that the identity of a user is compared and verified, and only authorized persons are given access to secured resources.

5.3 As per claim 2, Houvener teaches a security system for electronic commerce for verifying the authenticity of a user, wherein the biometrics data is selected from one or more of the group consisting of a finger print of one or more fingers of the user, a palm print of the user, an iris scan of the user, a retina scan of the user and any other optically distinguishable parameter of the user (Houvener Col. 4 lines 31-64).

5.4 As per claim 3, Houvener teaches a security system for electronic commerce for verifying the authenticity of a user, wherein a plurality of sources of biometric data of a single user is used to authenticate the identify of the user (Houvener Col. 4 lines 16-30).

5.5 As per claim 5, Houvener teaches a method of verifying the authenticity of a user with a security system for electronic commerce, further comprising the step of selecting the biometrics data from one or more of the group consisting of a finger print of one or more fingers of the user, a palm print of the user, an iris scan of the user, a retina scan of the user and any other optically distinguishable parameter of the user (Houvener Col. 4 lines 31-64).

5.6 As per claim 6, Houvener teaches a method of verifying the authenticity of a user with a security system for electronic commerce, further comprising the step of using a plurality of sources of biometric data of a single user to authenticate the identify of the user (Houvener Col. 4 lines 16-30).

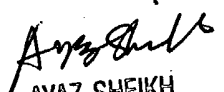
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eleni A Shiferaw whose telephone number is 703-305-0326. The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eleni Shiferaw
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